

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070101.D
 Acq On : 17 Aug 2021 22:21
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/18/2021 6:59:11 PM

Quant Time: Aug 18 04:32:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	478451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	867213	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	849508	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	401339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	315932	56.142	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.280%			
35) Dibromofluoromethane	7.909	113	313709	55.992	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.980%			
50) Toluene-d8	10.332	98	1218676	55.924	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.840%			
62) 4-Bromofluorobenzene	12.620	95	411349	57.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 114.620%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	209766	45.075	ug/l	98
3) Chloromethane	2.209	50	328678	49.502	ug/l	98
4) Vinyl Chloride	2.344	62	344657	42.565	ug/l	98
5) Bromomethane	2.756	94	235578	53.312	ug/l	98
6) Chloroethane	2.915	64	240717	46.534	ug/l	97
7) Trichlorofluoromethane	3.268	101	423672	43.564	ug/l	98
8) Diethyl Ether	3.709	74	136976	49.215	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.097	101	271864	43.940	ug/l	100
10) Methyl Iodide	4.297	142	287525	50.826	ug/l	99
11) Tert butyl alcohol	5.226	59	75185	241.723	ug/l	96
12) 1,1-Dichloroethene	4.062	96	260259	45.786	ug/l	98
13) Acrolein	3.920	56	74626	208.292	ug/l	96
14) Allyl chloride	4.715	41	403019	47.518	ug/l	96
15) Acrylonitrile	5.415	53	337145	261.239	ug/l	99
16) Acetone	4.156	43	231215	223.041	ug/l	96
17) Carbon Disulfide	4.409	76	931866	45.344	ug/l	99
18) Methyl Acetate	4.715	43	166262	53.794	ug/l	99
19) Methyl tert-butyl Ether	5.473	73	619349	52.501	ug/l	99
20) Methylene Chloride	4.962	84	407102	59.106	ug/l	98
21) trans-1,2-Dichloroethene	5.467	96	320262	48.505	ug/l	96
22) Diisopropyl ether	6.362	45	968684	54.305	ug/l	98
23) Vinyl Acetate	6.303	43	2234032	276.348	ug/l	98
24) 1,1-Dichloroethane	6.262	63	606500	49.695	ug/l	100
25) 2-Butanone	7.209	43	372723	263.127	ug/l	100
26) 2,2-Dichloropropane	7.209	77	428892	45.134	ug/l	99
27) cis-1,2-Dichloroethene	7.209	96	365367	52.107	ug/l	97
28) Bromochloromethane	7.544	49	219140	49.342	ug/l	98
29) Tetrahydrofuran	7.561	42	257213	277.306	ug/l	98
30) Chloroform	7.703	83	597121	49.750	ug/l	99
31) Cyclohexane	7.985	56	497141	44.634	ug/l	98
32) 1,1,1-Trichloroethane	7.903	97	489551	48.809	ug/l	98
36) 1,1-Dichloropropene	8.114	75	437872	46.935	ug/l	99
37) Ethyl Acetate	7.291	43	183819	54.245	ug/l	100
38) Carbon Tetrachloride	8.091	117	403604	47.653	ug/l	92
39) Methylcyclohexane	9.350	83	458352	42.197	ug/l	99
40) Benzene	8.350	78	1379208	50.969	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	107721	58.797	ug/l	91
42) 1,2-Dichloroethane	8.420	62	364704	52.589	ug/l	98
43) Isopropyl Acetate	8.450	43	336945	53.260	ug/l	99
44) Trichloroethene	9.108	130	325002	49.719	ug/l	99
45) 1,2-Dichloropropane	9.385	63	334527	47.594	ug/l	96
46) Dibromomethane	9.473	93	169998	49.795	ug/l	99
47) Bromodichloromethane	9.661	83	460179	52.100	ug/l	96
48) Methyl methacrylate	9.455	41	144766	47.985	ug/l	91
49) 1,4-Dioxane	9.461	88	37779	1016.852	ug/l	95
51) 4-Methyl-2-Pentanone	10.226	43	930251	282.793	ug/l	100
52) Toluene	10.397	92	853619	51.827	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	402879	51.495	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	470293	49.526	ug/l	97
55) 1,1,2-Trichloroethane	10.797	97	258702	53.483	ug/l	99
56) Ethyl methacrylate	10.655	69	310488	56.406	ug/l	98
57) 1,3-Dichloropropane	10.938	76	446079	53.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.938	63	828638	285.416	ug/l	99
59) 2-Hexanone	10.979	43	621274	282.013	ug/l	99
60) Dibromochloromethane	11.132	129	297908	53.763	ug/l	98
61) 1,2-Dibromoethane	11.238	107	241958	55.253	ug/l	100
64) Tetrachloroethene	10.873	164	257924	47.063	ug/l	99
65) Chlorobenzene	11.661	112	885262	49.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	317829	50.423	ug/l	100
67) Ethyl Benzene	11.738	91	1592329	50.740	ug/l	99
68) m/p-Xylenes	11.844	106	1253264	103.051	ug/l	98
69) o-Xylene	12.173	106	567199	51.689	ug/l	100
70) Styrene	12.185	104	1030094	53.597	ug/l	99
71) Bromoform	12.349	173	163715	53.309	ug/l #	100
73) Isopropylbenzene	12.473	105	1462198	49.961	ug/l	98
74) N-amyl acetate	12.279	43	328952	52.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.720	83	305234	52.270	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	193827m	47.622	ug/l	
77) Bromobenzene	12.755	156	332647	51.209	ug/l	96
78) n-propylbenzene	12.814	91	1877037	49.731	ug/l	100
79) 2-Chlorotoluene	12.896	91	1086364	50.028	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	1276826	51.246	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	77265	49.274	ug/l	95
82) 4-Chlorotoluene	12.996	91	1141856	50.218	ug/l	99
83) tert-Butylbenzene	13.214	119	1010901	49.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	1268352	51.317	ug/l	99
85) sec-Butylbenzene	13.391	105	1579454	48.678	ug/l	99
86) p-Isopropyltoluene	13.508	119	1302761	49.697	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	678228	49.140	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	669620	48.983	ug/l	99
89) n-Butylbenzene	13.832	91	1236254	48.059	ug/l	99
90) Hexachloroethane	14.096	117	263553	47.643	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	592832	50.128	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	44528	51.049	ug/l	99
93) 1,2,4-Trichlorobenzene	15.143	180	323829	49.239	ug/l	99
94) Hexachlorobutadiene	15.255	225	179264	46.143	ug/l	99
95) Naphthalene	15.385	128	624451	52.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	292861	51.012	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

